



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

647.0111

Job Sheet 208108



Part No: 647.0111

Job Qty: 6 pcs

Part Name: Panel



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 3/11/20

Job Tracking No:

Due Date: 3/30/20

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG 647.0100 REV.B SHEET 2 IPP REV:A 12.08.14 NEW ISSUE DD VERF:JFS IPP REV:B 18.02.08 DWG
REV.B DD VERF:DP

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Waterjet - Flow - 1	6 pcs			0.17	1.00	Waterjet - Flow		20/04/21
120	QC 2	6 pcs			0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		20/04/21
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		

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130	QC 8	6 pcs	0.00 0.00	QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 2 - 76	
				QC 2 - 86	
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
				QC 8 - 76	
				QC 8 - 61	
140	Outsource - 4 - Anodize	6 pcs		ATG001-VC	
150	Packaging 2-1 - Receive - B4B	6 pcs	0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	

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			Packaging 2 - 25 - B4B	
			Packaging 2 - 26 - B4B	
			Packaging 2 - 27 - B4B	
			Packaging 2 - 28 - B4B	
			Packaging 2 - 29 - B4B	
			Packaging 2 - 30 - B4B	
			Packaging 2 - 31 - B4B	
			Packaging 2 - 32 - B4B	
			Packaging 2 - 33 - B4B	
			Packaging 2 - 34 - B4B	
			Packaging 2 - 35 - B4B	
			Packaging 2 - 36 - B4B	
			Packaging 2 - 37 - B4B	
160 QC 6	6 pcs	0.00 0.00	QC 6 - 9	
			QC 6 - 68	
			QC 6 - 61	
			QC 6 - 40	
			QC 6 - 81	
190 Packaging 3-1 - Stock - B4B	6 pcs	0.00 0.00	Packaging 3 - 1 - B4B	
			Packaging 3 - 2 - B4B	
			Packaging 3 - 3 - B4B	
			Packaging 3 - 4 - B4B	
			Packaging 3 - 5 - B4B	
			Packaging 3 - 6 - B4B	
			Packaging 3 - 7 - B4B	
			Packaging 3 - 8 - B4B	
			Packaging 3 - 9 - B4B	
			Packaging 3 - 10 - B4B	
			Packaging 3 - 11 - B4B	
			Packaging 3 - 12 - B4B	
			Packaging 3 - 13 - B4B	
			Packaging 3 - 14 - B4B	
			Packaging 3 - 15 - B4B	
			Packaging 3 - 16 - B4B	
			Packaging 3 - 17 - B4B	
			Packaging 3 - 18 - B4B	
			Packaging 3 - 19 - B4B	
			Packaging 3 - 20 - B4B	
			Packaging 3 - 21 - B4B	
			Packaging 3 - 22 - B4B	
			Packaging 3 - 23 - B4B	
			Packaging 3 - 24 - B4B	
			Packaging 3 - 25 - B4B	
			Packaging 3 - 26 - B4B	
			Packaging 3 - 27 - B4B	
			Packaging 3 - 28 - B4B	
			Packaging 3 - 29 - B4B	
			Packaging 3 - 30 - B4B	
			Packaging 3 - 31 - B4B	
			Packaging 3 - 32 - B4B	
			Packaging 3 - 33 - B4B	
			Packaging 3 - 34 - B4B	
			Packaging 3 - 35 - B4B	
			Packaging 3 - 36 - B4B	
			Packaging 3 - 37 - B4B	
200 QC 21 - SA	6 pcs	0.00 0.00	QC 21 - SA - 21	
			QC 21 - SA - 70	
			QC 21 - SA - 53	

Part Op 110 - (Waterjet - Flow) 1-Cut as per Dwg Dwg Rev: B Prog Rev: B 2-Deburr if necessary

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Descriptions: **120** - (QC2- Inspect parts off machine FAI/FAIB)

130 - (QC8- Inspect parts - second check)

140 - (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG: 46402 AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N Certification of Conformity is required

150 - (Receive & Inspect for Damage & Mat'l Certs)

160 - (QC6- All purchased or subcontracted products)

190 - (Identify as per dwg & Stock Location: _____) ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

200 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M2024T3S.063	2024-T3 .063 Sheet	6.5928 sf (1.0988 ea)	110-Waterjet - Flow - 1	<u>5252605</u>

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Waterjet - Flow - 1	M2024T3S.063	7	153	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Panel	8.250Inches ± 0.010	8.260 8.240	<u>8.257</u>	
2	Panel	19.180Inches ± 0.010	19.190 19.170	<u>19.188</u>	
3	Panel	19.140Inches ± 0.010	19.150 19.130	<u>19.140</u>	

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Entered:

Date:

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No.

Route update only



Job: _____		DISPOSITION		DEPARTMENT/PROCESS		MRB (QSI042)																													
Part No. _____		Rework ☐ Scrap ☐ Use-as-is ☐		Skid-tube ☐ Machining ☐ Large Fab ☐		Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐																													
Date: _____		Sequence #: _____		QTY Affected: _____																															
Description Work Order Deviation		Disposition				Completed By																													
						Lead hand / Supervisor																													
						QC / QA Coordinator																													
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY <table border="1"> <tr> <td>Pressure/Forced</td> <td>Contamination</td> <td>Power Loss/Surge</td> <td>Positioned Wrong</td> </tr> <tr> <td>Bending</td> <td>Misaligned/off center</td> <td>Folio/Program</td> <td>Outside Tolerance</td> </tr> <tr> <td>Crushing</td> <td>BOM/Route</td> <td>Grain Direction</td> <td>Drawing</td> </tr> <tr> <td>Cracks</td> <td>Broken/Damage/Defect</td> <td>Weld</td> <td>Finish</td> </tr> <tr> <td>Crimp/Kink/Ripple/Wave/Twist</td> <td>Incomplete/Unclear Instructions</td> <td>Wrong Stock Pulled</td> <td>Part Lost/Missing</td> </tr> <tr> <td>Marks/Chatter</td> <td>Drill Holes</td> <td>Out of Sequence</td> <td>Misread</td> </tr> <tr> <td>Mislabeled</td> <td>Fit/Function</td> <td>Off-set/Set-up</td> <td></td> </tr> </table>						Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong	Bending	Misaligned/off center	Folio/Program	Outside Tolerance	Crushing	BOM/Route	Grain Direction	Drawing	Cracks	Broken/Damage/Defect	Weld	Finish	Crimp/Kink/Ripple/Wave/Twist	Incomplete/Unclear Instructions	Wrong Stock Pulled	Part Lost/Missing	Marks/Chatter	Drill Holes	Out of Sequence	Misread	Mislabeled	Fit/Function	Off-set/Set-up	
Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong																																
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		Other/Details:																																	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB046402**



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE STREET
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB046402

PO Date: 5/6/20

Due Date: 5/22/20

Purchase Order

Revision:

Revision Date:

Issued By:

Guerin, Kimberley

Phone: 613-632-5200 Ext: 298

kguerin@dartaero.com

Via:

Ground

Pymt Terms:

Net 60

Freight Terms:

Special Comments:

E-MAILED
2020-05-11

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	208108	647.0111	647.0100 Rev B	Panel : Various STC's (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N Certification of Conformity is required	Firmed X10	-	5/22/20	10 pcs	0 pcs	10 pcs	\$40.43/pcs	\$404.30
2	202689	647.7820	647.7800 Rev A	Cross Bracket Aft : Various STC's Outsource process-Anodize per QSI017 4.1.10.1 Issue P/O TO ATG: Anodize & prime as per Dwg. 647.7800	Firmed	-	5/22/20	16 pcs	0 pcs	16 pcs	\$12.43/pcs	\$198.88

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PURCHASE ORDER

POHB046402



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
3	207896	647.1715	647.1700 Rev E	Plate : Various STC's (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG : Hard Black Anodize and Prime as per Dwg 647.1700 Rev. E	Firmed X12	-	5/22/20	12 pcs	0 pcs	12 pcs	\$31.43/pcs	\$377.16
									MAY 15 2020			
4	205930	647.1710	647.1700 Rev E	Plate : Various STC's (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A- 8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF- 23377 TYPE 1 CLASS N Certification of Conformity is required	Firmed X12	-	5/22/20	12 pcs	0 pcs	12 pcs	\$31.43/pcs	\$377.16
									MAY 15 2020			
5	20876	649.5112	649.5100 Rev D	RH Wiper Deflector : Various STC's Issue P/O to ATG AS PER DWG 649.5100 1- Black Anodize 2- PRIME, SEE NOTE #2 Certification of Conformity is required	Firmed X8	-	5/22/20	8 pcs	0 pcs	8 pcs	\$17.48/pcs	\$139.84



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PURCHASE ORDER

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Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	208887	D4970-5	D4970 Rev C	Doubler : Certificate of Conformity Only Issue P/O to ATG : FINISH: HARD BLACK ANODIZE AS PER IAW MIL- A-8625 TYPE III, CLASS 2 / PRIME AS PER IAW MIL- P-23377J TYPE 1 CLASS N	Firmed	-	5/22/20	8 pcs	0 pcs	8 pcs	\$7.93/pcs	\$63.44
8	208319	D4838-2	D4838 Rev A	Upper Cutter Body, RH : Certificate of Conformity only Issue P/O: ATG, black anodize and prime as per dwg D4838-2 Rev. A	Firmed <i>X12</i>	-	5/22/20	12 pcs MAY 15 2020	0 pcs	12 pcs	\$11.43/pcs	\$137.16 <i>KE</i>
9	207948	RBEL135M- 2905-101- 01	RBEL135M-2905-101 Rev 9	Case Outsource process- Anodize per QSI017 4.1.10.1 -Issue P/O -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Certificate of Conformity is required	Firmed <i>X3</i>	-	5/22/20	3 pcs MAY 11 2020	0 pcs	3 pcs	\$16.18/pcs	\$48.54 <i>KE</i>
10	209039	649.8310	649.8300 Rev N/C	Cutter Body : Various STC's Outsource process- Anodize per QSI017 4.1.10.1 Issue P/O to ATG : 1- Black Anodize as per Dwg 646.9700 2- PRIME AS PER DWG, SEE NOTE #2 Certification of Conformity is required	Firmed <i>X5</i>	-	5/22/20	5 pcs MAY 15 2020	0 pcs	5 pcs	\$15.68/pcs	\$78.40 <i>KE</i>



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PURCHASE ORDER

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Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
11	206323	646.3310	646.3300 Rev A	LH Half - Upper Cutter Assembly : Various STC's (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG : 1- Black Anodize as per Dwg 646.3300	Firmed	-	5/22/20	20 pcs	0 pcs	20 pcs	\$19.28/pcs	\$385.60

Grand Total: \$2,210.48

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 5/11/20 3:31 PM Dart.Guerin.Kimberley



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 920137

Date: 15-May-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.			
10 ea	Part: 647.0111 Panel Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot#: 5265778 Job: 27452 PO: POHB046402	Rev: B	DAS 81 9-89
5 ea	Part: 649.8310 Cutter Body Hard Anodize IAW MIL-A-8625 Type III, Class 2, Color Black Prime IAW MIL-P-23377J Type I Class N; 1-2 Mil Max Batch/Lot#: 5265779 Job: 27475 PO: POHB046402	Rev: NC	
12 ea	Part: 647.1715 Plate Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot#: 5265779 Job: 27468 PO: POHB046402	Rev: E	RECEIVED MAY 15 2020 DART AEROSPACE LTD.
12 ea	Part: 647.1710 Plate	Rev: E	

Made in Canada.



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
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Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 920137

Date: 15-May-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils). Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils). Batch/Lot#: <u>5265778</u> Expiry Date: <u>9/21</u> Job: 27469 Line: 4 PO: POHB046402		
8 ea	Part: 649.5112 Rev: D RH Wiper Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Batch/Lot#: <u>5265778</u> Expiry Date: <u>9/21</u> Job: 27470 Line: 5 PO: POHB046402		
12 ea	Part: D4838-2 Rev: A Upper Cutter Body, RH Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Batch/Lot#: <u>5265778</u> Expiry Date: <u>9/21</u> Job: 27473 Line: 8 PO: POHB046402		
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements.			
Made in Canada.			



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 920137

Date: 15-May-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via
		ATG Delivery
Quantity	Description	
	Date: <u>MAY 15 2020</u>	
	Certified Signature: <u></u>	
	Receiver Signature: _____	
	A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.	
	Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.	
	Made in Canada.	